

CLAIMS

What is claimed is:

1. An image display apparatus comprising:
 - a white light source for emitting white light in the form of a light beam of a prescribed cross-sectional area;
 - three spatial light modulating elements for modulating three primary colors, respectively;
 - a focusing lens for focusing the light beam emitted from the white light source;
 - a primary means of adjustment for adjusting the color balance of the white light entering or leaving the focusing lens;
 - means of separating and synthesizing for separating the three primary colors of light for which color balance has been adjusted with the primary means of adjustment, for directing light of the three primary colors to the three spatial light modulating elements and for synthesizing light of the three primary colors modulated with the three spatial light modulating elements; and
 - means of projection for projecting light synthesized with the means of separating and synthesizing.
2. The image display apparatus of claim 1, further comprising:
 - a barrier member for blocking all wavelength regions of the white light in at least part of a light beam entering or leaving the focusing lens; and
 - a secondary means of adjustment for adjusting the intensity of the white light in a light beam in which all wavelength regions are interrupted by the barrier member.
3. The image display apparatus of claims 1, wherein a lens array, a glass rod, or an internally reflecting columnar mirror is provided between the white light source and the focusing lens.
4. The image display apparatus of claims 2, wherein a lens array, a glass rod, or an internally reflecting columnar mirror is provided between the white light

source and the focusing lens.